



Communicator

May 2014

Here Comes Field Day

Page 4

The Contest Contenders

Pages 6 to 11

SARC AGM Notice

Page 20

Don't Forget The Foxhunt

page 17

Features

Radio-Active
Bill Gipps VE7XS

Last Meeting
Page 5

President's Report
Page 19

Plus

May Calendar

QRM

News You Can Lose
and Much More!

On the cover...
Bill's Project
See page 16



The Communicator



**SURREY
AMATEUR RADIO CLUB**

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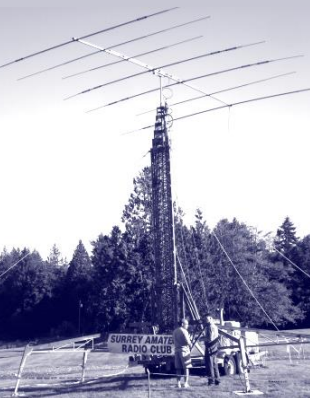
Nelson Eisel VE7NAE

VIA THE WEB

www.ve7sar.net

The SARC Communicator is published monthly for members of the Surrey Amateur Radio Club.

SARC maintains a website at www.ve7sar.net that includes club history, meetings, news and other information.



April Monthly Meeting Minutes

April 9, 2014

Introduction & Announcements

President John VA7XB brought the meeting to order at 1900 hrs and welcomed everyone. He proceeded with announcements as follows.

- He reminded members of the post-meeting social at McDonalds - Fraser Hwy at 156th St.
- The theme of the upcoming May meeting will be Field Day orientation, details forthcoming.
- A field trip to one of the radio museums is planned and, after discussion a decision was made to make Bellingham the first visit as soon as it can be arranged for a Saturday afternoon in April or May. Bill VA7ZBL requires a week's notice to make arrangements with the museum.
- A visit to the repeater site is also planned, with the dates of Sunday afternoon April 27th and/or Sunday afternoon May 3rd proposed.
- Members were asked to consider running for a Director's position at the upcoming AGM in June.

Committee Reports

Financial

Scott VE7HA reported the bank balance and expenditures since the last meeting. He advised that raffle tickets are now available and members are requested to take at least one book to sell over the next few months leading up to the Langley Cruise-in. Scott described the excellent prizes being offered. Several members have ordered name badges, which will be available shortly.

Foxhunt

Anton VE7SSD reviewed what is planned for the foxhunt and BBQ on May 10th. In addition to the usual 2m foxhunt, there will be a demo of 80m foxes. Participants may be able to purchase 80m receiver kits afterwards. Scott explained that a volunteer is needed to work with Anton & Amel on the technical side, and Al VA7ALZ said he owns five 2m foxes and would be willing to assist. Anton said he would try and organize an opportunity to test equipment before May 10th.

IN THIS ISSUE

click on the links below

Feature

Here Comes Field Day

Last Meeting

Spiderbeams

Radio-Active

Bill Gipps VE7XS

Plus...

Contest Contenders

QRM

News You Can Lose

May SARC Calendar

SARC AGM

	SEPARS Net	SARC Net
1 st Tuesday	Drew VA7DRW Jay VE7OFH Standby	Brett Garrett VE7GM
2 nd Tuesday	Dixie VA7DIX Alan VA7BIT Standby	Jinty VA7JMR
3 rd Tuesday	Rob VE7CZV	Anton VE7SSD
4 th Tuesday	Peter VE7PGX Dixie VA7DIX Standby	John VA7XB
5 th Tuesday	Jinty VA7JMR	Elizabeth VE7ELA
Want a turn at Net Control? Contact the SARC Net Manager VE7CZV @ separs.net		

CLUB EXECUTIVE 2013-2014

PRESIDENT

John Brodie VA7XB

VICE PRESIDENT

Brett Garrett VE7GM

SECRETARY

Rob Gilchrist VE7CZV
(also Net Manager)

TREASURER

Scott Hawrelak VE7HA

DIRECTORS

John Schouten VE7TI
(Communicator Editor)

George Merchant
VE7QH (Repeaters)

Bill Little VA7ZBL
(Membership)

Bill Gipps VE7XS

SARC hosts an Amateur Radio net each Tuesday evening at 8 PM. Please tune in to the VE7RSC repeater at 147.360 MHz (+600 KHz) Tone=110.9, also accessible on IRLP node 1736 and Echolink node 496228. On UHF we operate a repeater on 443.775MHz (+5Mhz) Tone=110.9 and EchoLink Node 1737

DOWN THE LOG...

Repeater & Net

Rob VE7CZV reported that the repeaters are working well and there has been no negative feedback on the occasional connection to the reflector.

John VA7XB stated that the quotes for construction of an enclosure around the repeaters to isolate them from the boiler room had been received and totaled about \$10,000. Surrey Fire Services was advised that, other than our making a token contribution, SARC does not have the means to pay for this, with the result that SFS will look for other sources of funding.

John said a large part of the quote was for an air conditioner which is not considered necessary so the cost may come down.

Website

Hui VE7YXG stated there are currently no issues with the website and that the AGM notice will be posted shortly.

Membership

Bill VA7ZBL stated that the membership currently stands at 77 and noted that 5 members have already paid for 2014/2015 fiscal year using PayPal option which was recently provided on the website.

Equipment

In the absence of Rick VE7GMO, John VA7XB reported that the trailer lights have been repaired and are working satisfactorily. John also requested assistance in checking over one of the TH7 beams prior to Field Day and both Alex IZ7FMM and Stan VA7NF volunteered to help with this.

Communicator

John VE7TI again requested members to submit articles of interest to the membership for inclusion in the Communicator.

Operator Training

Brett VE7GM reviewed recent training events, including the BARTG RTTY and the CQ WPX SSB contests and stated that only one more contest event - the CQ WPX CW at the end of May is planned before Field Day.

Field Day

Brett VE7GM outlined in some detail the status of FD organization underway including the plan to have 4 HF radios operating:

- a 2A competitive station
- a 1A "drop-in" station and
- a GOTA station.
- A VHF station manager is still sought.

Brett described the concept of operating teams, with each team responsible for putting together all the equipment necessary to make it operational; John VA7XB will head up a primarily CW team and John VE7TI will head up a primarily SSB team; team members will be notified shortly. All that will be provided to each team is an operating position in the tent, and connections for antennas and AC power. Setup at the site will commence early Friday morning, June 27th and help will be needed for the many tasks.

Brett indicated that two Win7 computers plus monitor and mouse are needed for station manager, and asked if any members could provide them. (*also see page 15*)

New Business - none

Presentation

After a coffee break, Alex IZ7FMM gave a fascinating slide presentation of spider beams, their technical performance characteristics and construction details. He emphasized that their advantages including light weight, portability, ease of construction and versatility, making them ideal candidates for temporary and portable operations and DXpeditions, where they often out-perform commercial multi-band antennas.

The planned review of knots suitable for use at Field Day was deferred for another time.

The 50/50 was won by Jeremy VE7TMY and the meeting adjourned at 2100 hrs.

SARC Monthly Meetings

2nd Wednesday (Sept-Jun)
1900 hrs local at the Emergency Management BC PREOC,
14275 96th Avenue, Surrey, BC

Weekly Club Breakfast

Friday at 0800 local
Kalmar Family Restaurant at
King George Blvd. & 81st Avenue
Surrey

SARC Net

Tuesday at 2000 hrs local
on 147.360 MHz (+) Tone=110.9

SEPARS Net

Tuesday at 19:30 hrs local
on 147.360 MHz (+) Tone=110.9

Announcements & News

SEPARS Monthly Workshop
Third Thursday, 1900-2130 local
14923-64th Ave, next to Firehall
#9, Surrey.

SEPARS Training

Fourth Saturday, 0830 local,
Firehall #1, 88 & 132nd Street,
Surrey

On the Web ve7sar.net

Between newsletters, watch your e-mail for announcements of events, monthly meetings and training opportunities. These announcements can also be found on our web page, or via:

Twitter
[@ve7sar](https://twitter.com/ve7sar)

Photos
[Web Albums](#)

Next Meeting...

Field Day 2014



Field Day for 2014 will be held the weekend of 28 & 29 June. SARC and SEPARS are again working together to make this an even better Field Day than last year.

Field Day is part contest, and part emergency communications field exercise. Again this year, our Field Day operation involves:

- Over a 24 hour set-up period, turning a grassy field at the Grandview Heights school grounds (located at the north-west corner of 20th Avenue and 176 St/Pacific Highway) into a fully functioning radio communications centre.
- Carrying out a 24 hour intense operating period, racking up as many contacts as 100 watts and propagation conditions permit, using only emergency power.
- Over that same 24 period, hosting dignitaries, representatives of official agencies and members of the public, explaining amateur radio, offering some basic communications training, and providing an opportunity to contribute their own 20 contacts to our team effort.
- Providing meals and liquid refreshments, sanitation facilities, and shelters in case of wet weather.
- At the end of the 24 hour operating period, and over only a few hours, taking everything down and packing it away, while returning the site to its original (or better) condition.

The planning and skills employed are the same as we would need in a genuine emergency. Field Day provides us with a superb opportunity to demonstrate to visiting dignitaries and agency representatives, members of the public, and ourselves how valuable amateur radio can be in the event of an emergency.

Last year we obtained the top score in Canada in our category. Competition for 2014 will be fierce, but we again intend to have the top score in our category in Canada. Again this year we've worked closely with the operator training program to continue to improve the operating skills of the trainees. This year we will again have some new ops, including Alex (IZ7FMM/VE7), Stan (VA7NF), and Nelson (VE7NAE), who will be taking their first Field Day operating shifts with our team alongside our seasoned contest ops like Mike (VE7ACN) and Jim (VE7FO).

Jinty (VA7JMR) will again be managing our Get-On-The-Air (GOTA) station, showing new hams and non-hams alike what the contest side of Field Day is all about, and giving them a chance to make their own 20 contacts.

A major change planned for our Field Day effort this year is a change in our competitive entry from 3A (with three competitive radios) to category 2A (with two competitive radios). The reason for making this change is to free up one HF band in the daytime for use by our GOTA station (thus addressing the primary difficulty suffered by the GOTA team last year). This also gives us an opportunity to introduce another change for this year: a drop-in HF station.

Rob (VE7CZV) will be managing the drop-in HF station. This station will be running under a different call sign from our competitive and GOTA stations, and so will have no impact on our entry category. The station will be available, by scheduling through Rob, for operation by hams who are licensed by Industry Canada to operate on HF phone, who have read and understood the ARRL rules for Field Day 2014, and who agree to operate only as directed by the Station Manager on duty.

As always, there is a big need for helping hands to setup the operation (starting at 11:00 on Friday 27 June), and then (starting Sunday at 11:00) take everything down and pack it up for next year.

Members of SARC & SEPAR are always encouraged to stop by with family and friends on Saturday afternoon. Non-hams (especially the younger ones) and new hams will be encouraged to visit our GOTA station, where Jinty and her team will again provide a welcoming environment where each participant can make 20 real-life, score-benefiting, contacts.

Pulling together an operation this comprehensive takes a great deal of effort, and the Planning team has been working for months to arrange all the details. Subject to good propagation and active member participation, we should have another spectacular year.

~ Brett Garrett VE7GM



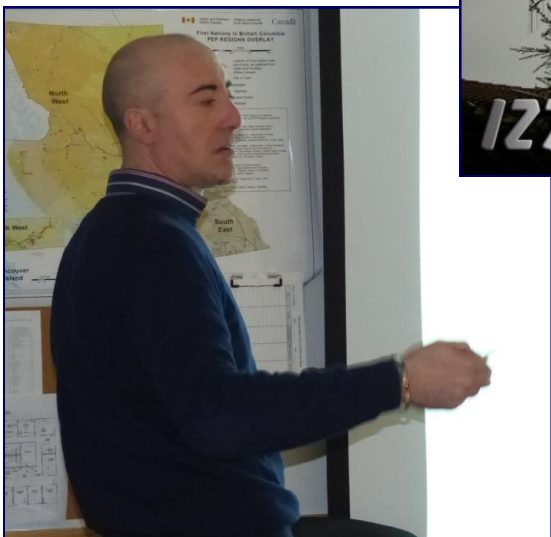
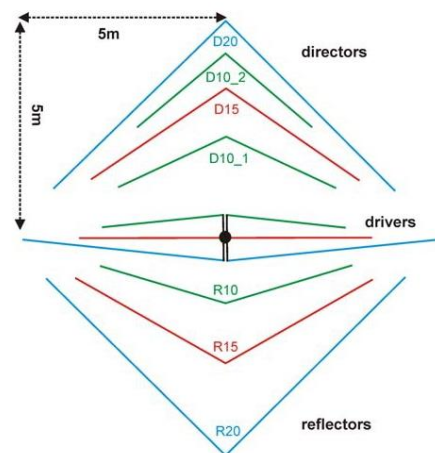
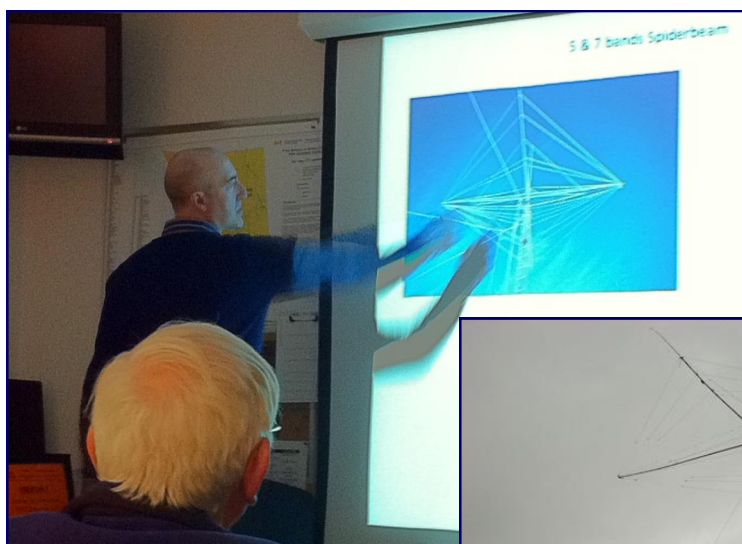
...Last Meeting

Alex's Spiderbeam Antenna

At SARC's April meeting Alessandro 'Alex' Danese made an informative presentation on 'spiderbeam' antennas. Similar in gain and performance to a yagi with a folded director and reflector, spiderbeams offer greater bandwidth and light weight with reduced wind-load.

Although available commercially, Alex has home-built several of these antennas and he played a YouTube video showing how one can be erected in 5 minutes. Other than the aluminum mount, the arms of the spiderbeam are light weight fiberglass fishing rods and the elements are wire and Teflon string. Multiple bands can be strung and within the framework making this a very effective antenna for home or DXpedition with a 2kW or more capacity.

[Click Here](#)
To See The Video





The Contest Contender

Fred Orsetti VE7IO

CQ WPX SSB 2014 YL OP at VE7IO

Six Enthusiastic YLs

When the idea of a YL only operation for a contest was suggested we considered a smaller contest like a QSO party or something like that. However when it was discussed, the YL's wanted something that would provide more activity so the CQ WW WPX SSB contest was chosen.

Participants were six enthusiastic YL's, Marcy VE7JT, Christine VA7NLF, Margaret VE7TJF, Pam VE7PFH, Jeannie VA7QLT and Shirly VE7SHL. We used the call sign VE7JT.

Contest weekend arrived, the schedule was in place and everyone was keen to get going. We operated two radios in the high power category and happily everything worked well. We had to leave the night time operation dark, no pun intended, due to family commitments but the early morning and evening operation was covered. By time we shut down on Friday we realized that this was going to be a good opportunity for the YLs. Band conditions were looking very good and everyone now realized that this was going to be a fun weekend. Our best bands were 10, 15 and 20 meters with DX continuing to be heard late in the evening. We did not operate overnight and only had a very short opportunity to work 40m.

Over the past 3 years we have conducted contest training sessions here at VE7IO, VE7FO and VA7XB. The training program has been very successful and we can now proudly list a number of new very good contesters. The program has sparked interest in contesting so when the YL's asked if we could do a YL only contest entry with a training component it sounded like a great idea. Two of the operators were skilled in the "run" mode and this served to motivate the others as they watched and heard the DX stations calling us. With such good openings to the DX world the "S&P" operators were able to log multipliers and see how their contributions increased the overall score. Between the "run" operation and the multipliers being added by the "S&P" operators everyone had a great time and would definitely like to do this again.

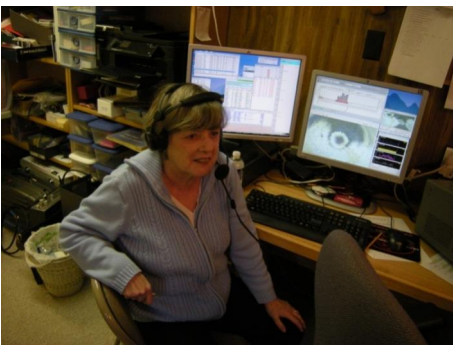
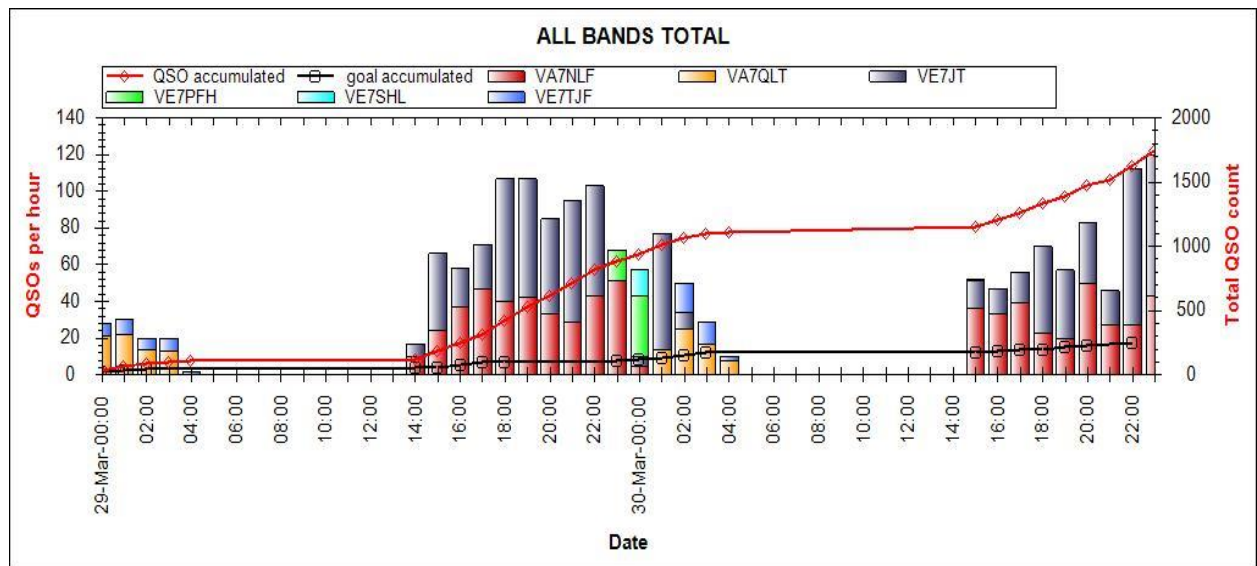
Stan VA7NF dropped in on the Saturday to help with station management and plan strategy, the ladies just kept busy on the radios. Stan stayed most of the day and we both enjoyed assisting with band changes and monitoring activity.

For me this was the first time ever hosting an entirely YL group and it was great fun. We operated Multi/Multi (M/M) which gave us lots of latitude in making band changes and operating in the assisted mode. As a M/M entry we were nowhere near the big gun stations but the YL's were very proud of their accomplishment, having fun, learning new skills and achieving a reasonably good score.

Operating time: 27 hrs. Score: 2,945,743

The graph on the next page clearly shows the down times but when we were on the air we did well.





Band	QSOs	Pts	WPX
7	5	26	2
14	184	428	125
21	751	1740	342
28	797	1903	250
Total	1737	4097	719





The Contest Contender II

John Brodie VA7XB

CQ WPX SSB 2014 at VA7XB

A Fantastic Experience for New VE7SAR Recruits

New recruits to the operator training program, Howard Ticzon VA7HTZ (ex DU1IWT) and Sheldon Ward VA7XNL, quickly got down to business in the CQ WW WPX SSB contest on the weekend of March 28-29. After being away from contesting for 10 years, over a period of 3 hours on Saturday afternoon, Howard enjoyed making contacts with amateurs around the world including two of his former colleagues in the Philippines, Alberto DU1AV and Thelma 4H1T. On Sunday afternoon, Howard found that logging has come a long way since N1MM was invented, and he enjoyed exploring all its features including spots on the band map, rate monitoring, callsign checking and dupe reporting.

This was Sheldon's first SSB contest and the excellent propagation conditions presented an ideal introduction to contesting. Sheldon stuck to it for 4 hours and started



Sheldon VA7XNL



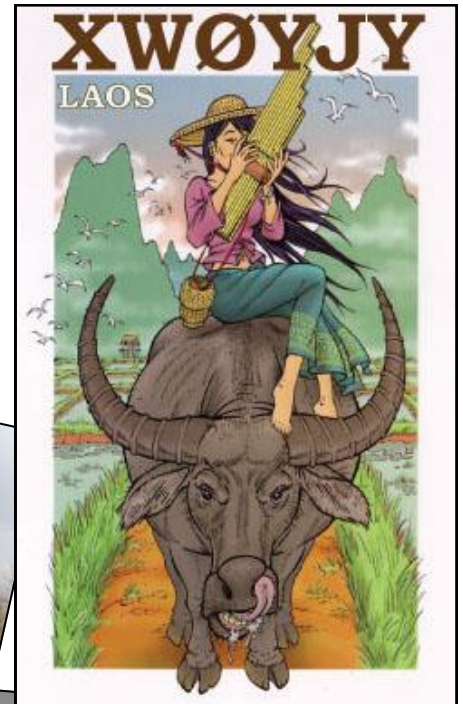
Howard VA7HTZ

making good rates as his confidence grew. Best contacts of the weekend were: VU2RCT (India on 2 bands), XW0YJY (Laos), 9M2CNC (plus many others in SE Asia), 9K2WA & 9K2HN (both Kuwait), TC3P (Turkey), CN8VO (Morocco), 5Z4T (Kenya), SV9CVY (Crete), 3V8BB (Tunisia) and JW8G (Svalbard) just to mention a few. In total, the three operators, including John VA7XB, made 463 Qs to show the VE7SAR flag this weekend, 95% of them outside of North America. It will be tough to top the experience of this weekend!





Contacts from Exotic places at
VA7XB for CQ WW WPX





The Contest Contender III

Jim Smith VE7FO

CQ WPX SSB 2014 at VE7FO

This is the third year of our HF Operator Training program. It has grown to the point where we need two stations to accommodate everyone who wants to operate.

We now have several ops who are well out of the beginner stage and need to develop more advanced op skills and also learn how to get the most out of the radios, preferably the same ones we're going to use on Field Day. To accommodate this we have brought a third station on line, VE7FO. The station is well-equipped with an Elecraft K3 radio, the same as we'll be using on FD, an Alpha auto-tune legal limit amplifier and a tri-band yagi up about 50 ft. Also dipoles for 40 and 80m and an Inverted L for 160m.

So we now have 3 stations we can use for training at both the basic and advanced levels.

Operators at my station were Alex IZ7FMM, who doesn't need any training but hasn't much experience with the K3; Kapila VE7KKG; Keenan VE7XEN; and myself.

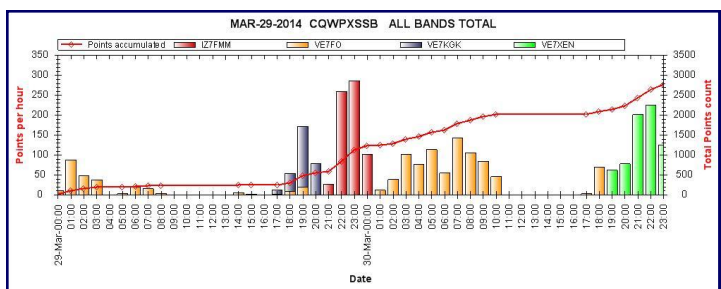
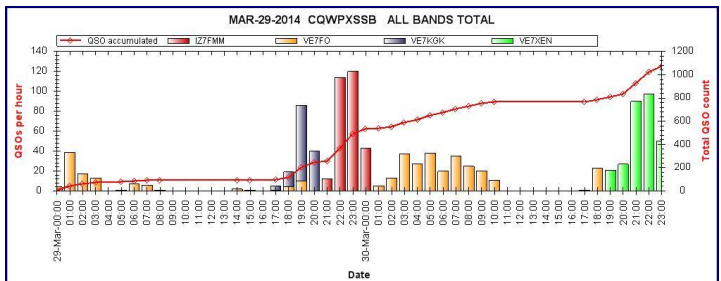
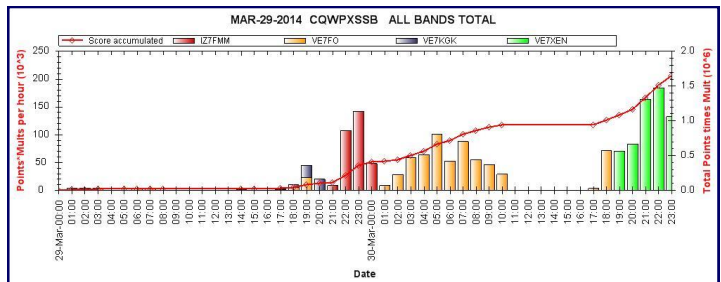
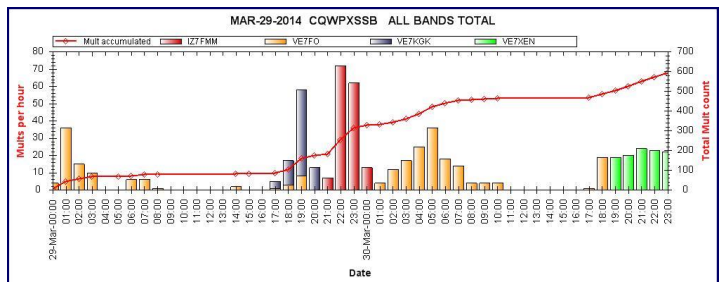
WOW!! I don't remember the last time conditions were this good in a contest. For years the number of contacts made on 10m during a contest ranged from 0 to maybe 20. This time we made 489, 46% of our total. Many European stations were 10 dB over S9 and were coming in for hours. Altogether we contacted 93 different countries, including 40 in Europe.

We made a total of 1066 QSOs which, when multiplied by the points per QSO and the number of distinct prefixes we worked, yielded a score of 1.6 million points. This totally shattered the station record score. This is actually an astonishing result as our total op time was less than 28 of the 48 hours allocated to the contest. As well, some of this time was taken up by instruction on the K3. I did a little operating when no one else was here, mostly vacuuming up prefixes.

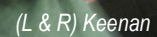
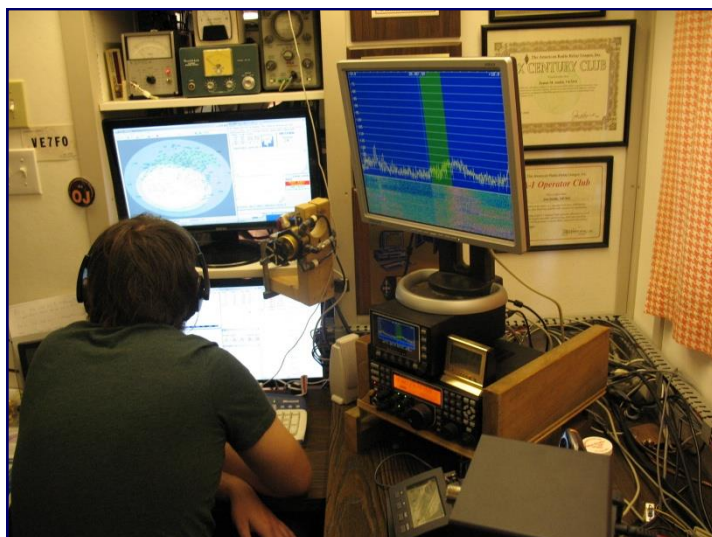
In this contest the multipliers are prefixes, not countries. The following are all distinct prefixes and so each counts as a multiplier - VA7 VE7, K7, W7, AA7 etc. So this contest is a good one for smaller stations as they can work zillions of prefixes in USA and Japan. Because there are so many multipliers available, the score climbs exponentially as you operate. You can see this in the Athena graph showing the score vs time in the last few hours of the contest.

You can also see that Kapila and Keenan did a great job when you compare their QSO rates to those of Alex, a very good operator indeed!

We've come a long way since I first made my training proposal to the Club. None of this would have happened without the support and enthusiasm of VA7XB, VE7GM and VE7IO. Well done everyone.



Photos next page



7	74	46	3
14	100	326	21
21	367	288	94
28	305	916	224
Total	861	704	195
Score:	1,226,508	2284	53

The screenshot displays a network monitoring application window with the following components:

- Packet List:** A table of captured packets. The first few packets are Ethernet II frames with various source and destination MAC addresses and lengths.
- Packet Details:** A pane showing the hierarchical structure of the selected packet (Packet 112). It includes fields like Ethernet II, Internet Protocol Version 4, and Transmission Control Protocol.
- Packet Bytes:** A pane showing the raw hexadecimal and ASCII data of the selected packet.
- Windows Taskbar:** At the bottom, there are icons for a folder named "Network", a "Network Help" window, and a "Network" window.



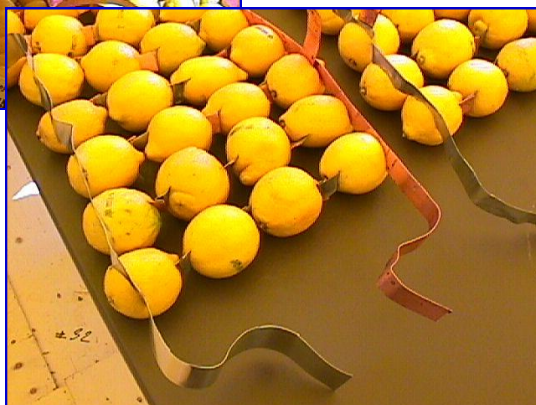


QRM

...from the Editor's shack

*Do you have a photo or bit of club news to share?
An Interesting link?
Something to sell or something you are looking for?
Email it to SARCcommunicator@outlook.com for inclusion in this column.*

Here are two photos from the first Field Day I was involved in, VECTOR's Field Day 2001. That's Kevin VE7ZD in the photo. Safeway donated several hundred lemons and we made a battery large enough to power a handheld QRP. Enough to make some contacts and get the bonus points. It was a hot June and also made some good lemonade afterwards. —Ed



Maple Ridge Amateur Radio Club Swap Meet

The Maple Ridge Amateur Radio Club proudly presents

The Fraser Valley's Largest Ham Radio, Computer and Electronics Swapmeet

Sunday, 04 May 2014
9AM - 1PM

Admission \$5!

Heritage Hall, 12460 Harris Road
Pitt Meadows, BC

For Sale

Icom IC-PCR1500 Software Defined Receiver, as pictured below. AM/FM/SSB and more, covers 0.010-3299.999 MHz. Requires a Windows computer. More specs and details at <http://goo.gl/W88hAQ>. Great reviews on [eHam](http://eHam.net). MSRP \$499 offered at \$325. Selling this for a friend up north, contact John via email ve7ti@separ.net



The Ultimate Field Day

This 1917 film shows troops setting up and operating a military field radio during a training exercise

Watch the video at URL:
http://www.itnsources.com/en/shotlist/BHC_RTV/1917/01/23/BGT407050844/

WEB SDR

Hui has a site to share. He writes: "I discovered a very interesting website today. it is all about software defined radio receiver over internet. I think our club members will find it interesting to listen. I recommend you put the link on the next Communicator. The link is <http://radman.no-ip.com:8901/>. Give it a try."



Page 13—News You Can Lose

The Lighter Side of Amateur Radio

Here's a Ham Song

sung to the tune of 'Tequila Sunrise' by the Eagles

It's a one-sixty-meter sunrise
Slidin' slowly up the sky
The sun says hi.
He was always on the band
Lookin' for new zones, he just needs five
The dawn slips by.

Ev'ry night when the sun goes down
Like every other op in town
He's out there tunin' round.

He couldn't work the expeditions
So he had to turn his big amp on.
The path's so long.
Oh, and it's a hollow feelin'
When they fade but work your friends
It never ends.

Take a walk to check the Beverage
Wonder why the op'nings never come.
His ears get numb.

It's a one-sixty-meter sunrise
This old band still sounds the same
The DX game....

Anagrams

THE MORSE CODE:

When you rearrange the letters:
HERE COME DOTS

ASTRONOMER:

When you rearrange the letters:
MOON STARER

DESPERATION:

When you rearrange the letters:
A ROPE ENDS IT

DORMITORY:

When you rearrange the letters:
DIRTY ROOM

ANIMOSITY:

When you rearrange the letters:
IS NO AMITY

ELECTION RESULTS:

When you rearrange the letters:
LIES - LET'S RECOUNT

SNOOZE ALARMS:

When you rearrange the letters:
ALAS! NO MORE Z 'S

A DECIMAL POINT:

When you rearrange the letters:
I'M A DOT IN PLACE

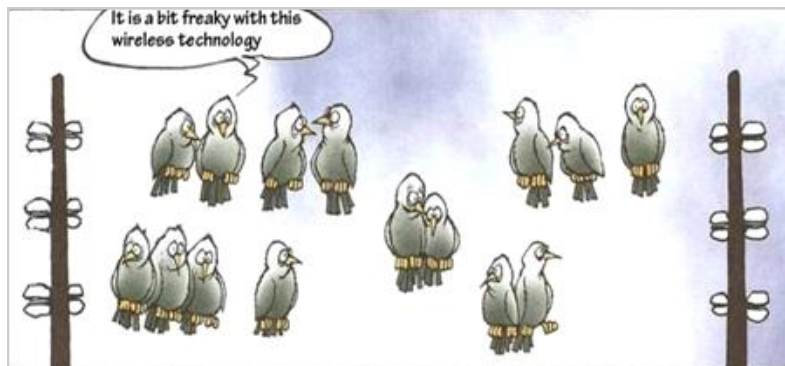
THE EARTHQUAKES:

When you rearrange the letters:
THAT QUEER SHAKE

ELEVEN PLUS TWO:

When you rearrange the letters:
TWELVE PLUS ONE

~ Thanks Norm Schmidt





More Ham News

The New Energy-efficient Lights Can Wipe Out Radio

As we conserve energy by the use of compact fluorescents or LED (light emitting diodes), occasionally things go wrong, with these devices also radiating radio interference. The old pear-shaped incandescent bulbs were very inefficient. However, some of their replacements do not meet emission standards and are the source of electromagnetic interference.

In the USA fluorescent lights in a Los Angeles office are causing problems for Verizon's Long-Term Evolution or LTE network. Among the other cases being investigated by the Federal Communications Commission is one we told you of several months back, that of the lights in a Texas hair salon getting into the mobile phone network. In Australia, complaints about TV reception have come to Australian Communications and Media Authority which has traced the problem to some LED lights.

In England and elsewhere too there have TV interference complaints, even spreading to set-top boxes and cable TV. However don't blame the technology, but rather the design used in cheap products. If lights are the problem return them to the place of purchase.

~ Jim Linton VK3PC



Don't know how well known this is to the Club membership. It's a year-long operating event anchored by W1AW handing out QSOs from every state and some territories. Every week it's two different states.

They typically have several bands activated at the same time and they're generating massive pileups. If you miss some states they do it all again in the 2nd half of the year.

They're easy to find, just check out the spotting network. Some members may need to be told how to do this. Any members working towards WAS would be particularly interested in this. Op trainees would also get great practice in competing in pile-ups.

This isn't just about working W1AW. There is another component involving hams working each other. Some QSOs are worth more points than others. QSOs with me are worth 100 points!

Details at <http://www.arrl.org/centennial-qso-party>

73, Jim VE7FO

Level 1 Task	Primary Responsibility
Emergency Power (generators)	Al VE7CDC
VHF Station	
Bonus Points	
• Public Information Table	Joe VE7TOL
• Message to Section Manager	
• Message Handling	
• Alternative Power	Al VE7CDC
• Educational Activity	
• Youth Participation	Anton VE7SSD & Al VA7ALZ
Site Safety	Arthur VE7SIE
Food Preparation	Alex IZ7FMM
Transportation	
Signage	
Site security	Arthur VE7SIE & Nicole VE7PET
Toilets	John VA7XB

The attached table shows Field Day tasks which require someone to take primary responsibility. If you are able to assist, please contact Brett at ve7gm@outlook.com

SEPAR Meetings

Third Thursday of each month starting at 1900 hrs

Fourth Saturday of each month starting at 0900 hrs

Location and event schedule can be found at separ.shutterfly.com — click on the calendar tab

Maple Ridge Amateur Radio Club Swap Meet

The Maple Ridge Amateur Radio Club proudly presents

The Fraser Valley's Largest Ham Radio, Computer and Electronics Swapmeet

Sunday, 04 May 2014

9AM - 1PM

Admission only \$5!

Location and further details to follow

Expecting QSL Cards?

Are you expecting QSL cards via the in-coming bureau? If so, and you are a regular attendee at the Friday morning SARC breakfast you can pick them up there.

Alternatively if you may arrange to collect them at SARC monthly meetings. All you have to do is advise QSL Bureau Manager, Ken Clarke VE7BC, that one or the other is your choice of pickup location. Ken can be reached at: kenjclarke@shaw.ca or ve7bc@gmail.com



Radio-Active

Jinty Reid VA7JMR

Introducing Bill Gipps VE7XS

Bill was born in Toronto, but due in part to his father being in the military he lived in England, Germany, Chilliwack, Kitimat and Kemano in his early years. When he was 14 years of age he went to Vancouver College, a private boarding school. Bill stated that his parents sacrificed a lot to make sure he and his brothers got a good education. At boarding school he was only allowed to phone home to Kemano once a month, because of the expense. However, in Kemano there was a radio ham who occasionally established a phone patch from the school to his parents, which provided an extra phone call. While at school Bill joined the Canadian Military Reserve where he worked as a radio operator.

After graduating from Vancouver College he attended UBC, studying for a Bachelor of Commerce. In his twenties, while still at university, he worked for the RCMP as an Auxiliary and Special Constable. After university he worked in the mining industry, travelling to Kitsault in northern B.C., Tungsten in the N.W. Territories, Honduras in Central America, Colorado, Connecticut and New Jersey in that field of work. He then returned to Canada to complete his Degree in Commerce. His next job was working for Labatts as their Regional IT Manager for B.C. and subsequently, nationally for Canada. After that Bill worked with PriceWater Coopers as senior management consultant, which took him to various parts of Canada and to Oman in the Middle East. Bill formed his own management consultant company in Vancouver and has been self-employed by that company for the past 14 ½ years.

During all these working hours, Bill actually found time to get married in 1986 to Judy. He and Judy have a son, Daniel, who is taking his second degree in Computer Science at UBC and is a licensed ham. They also have a daughter Meaghan, who is studying Media and Communications at BCIT. Nikki, a 12 year old Shiba-Inu dog, is the last member of the family.



Bill struggled with learning Morse code but eventually conquered it and obtained his Basic Ham Radio License in the 1980's. Bill is a member of the Langley Amateur Radio Club as well as SARC. He is also Director for Radio Amateur of Canada, for BC and Yukon Territories. His first mini DX expedition was in 2008 to Belize with the call sign of V31BG. In Belize he rented a contest station. This instilled in him a desire to build his own contest capable station. With this in mind he leased some land at a "top secret location" and established his radio shack /station in three shipping containers on the property. It is completely off the grid, with its own generators, and will have solar energy soon. He has too many radios to list here.

Among his other interests Bill likes woodworking, hunting, shooting and emergency preparedness. He is a member of SEPAR, but finds time in short supply so is not as involved as he would like to be. Bill stated that he really enjoys radio and Ham radio people, and hopes in the future to go on further DX expeditions (recently went to Lesotho with 7P8D).. Bill is an extremely busy person, who is involved in many areas. He is a very focused individual with strong leadership qualities and an excellent work ethic.





SURREY AMATEUR RADIO CLUB 2014 RDF Foxhunt

TAKE YOUR MOTHER TO SARC'S FOXHUNT FOR MOTHER'S DAY
Saturday May 10, 2014 at
Crescent Park, South Surrey

Pre-Hunt Coaching, Registration & Instructions 0800 - 0930
Foxhunt commences at 0930 with barbeque at 1230

To participate, you need a 2 m handheld radio. However, if you are a beginner, or don't have a radio, then come anyhow! You can be part of a more experienced team or we may have some spare equipment that you can use. The use of 80 m ARDF equipment will also be demonstrated.

Talk-in 147.360+ (110.9 tone)

FOXHUNT – NO CHARGE; BARBEQUE \$10

All are welcome, but we ask that you RSVP Anton James VE7SSD jamesadf@shaw.ca
and indicate if you plan to attend the foxhunt or BBQ or both

To get there, take Crescent Rd. west from King George Highway near Hwy 99,
& turn off at 129th St. to parking & assembly area



The SARC Calendar ...places to be in Surrey for Amateur Radio in the month ahead

May 2014						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30	1	2	3
	For details on all SARC events, go to ve7sar.net For details on all SEPARS events, go to separ.shutterfly.com/calendar				Weekly SARC Breakfast 8:00 Kalmar Family Restaurant 81 st & King George Blvd.	
4 Maple Ridge Flea Market	5	6 SEPAR NET 7:30 SARC NET 8:00	7	8	9 Weekly SARC Breakfast 8:00	10 SARC Foxhunt & BBQ, Crescent Park (see page 20)
11 Mother's Day	12	13 SEPAR NET 7:30 SARC NET 8:00	14 SARC General Meeting	15	16 Weekly SARC Breakfast 8:00	17
18	19	20 SEPAR NET 7:30 SARC NET 8:00	21	22	23 Weekly SARC Breakfast 8:00	24 CONTEST: CQ WW WPX (CW)
25 CONTEST: CQ WW WPX (CW) BCARCC Meeting	26	27 SEPAR NET 7:30 SARC NET 8:00	28 SARC Executive Meeting	29	30 Weekly SARC Breakfast 8:00	31

Contest Details: <http://hornucopia.com/contestcal/contestcal.html>



QRT...

John Brodie VA7XB

SARC Rolls Out Its Own "Lend-Lease" Program

A recent club focus on HF has inspired an interest in that mode by some of our members who previously had experience only on VHF/UHF. We have said it more than once that the club retains an inventory of equipment (mostly HF) accumulated over many years through estate disposals and donations.

The inventory has recently been reviewed and updated. At our last in-house swap meet in September, some obsolete items were disposed of. What is left represents the legacy that former members - many of them deceased - have bequeathed or donated to SARC. We have tents, tables & chairs, towers, beams, radios, tuners, power supplies, test gear etc. and the inventory continues to grow through the generosity of donors.

Some of these items get regular use during club events, but the most valuable items such as transceivers mostly just gather dust and do not get used, because competitive events such as Field Day require more sophisticated gear nowadays. Although club assets have always been available for the use of members, there has been no specific club policy that applied, and it got little use. It is the opinion of your Executive that the most beneficial use of donated equipment should be a program enabling members to become active on HF. In other words, we want this equipment to be used and now will actively seek opportunities to do so.

Shortly, we will be posting on SARC's website, a list of equipment available for loan. We think our deceased donors would be pleased that their donations are serving a good purpose. In order that we can keep track of loans, the borrower will be asked to complete an application form as described below:

Equipment description including serial number: _____

The loan of SARC equipment to SARC members will be made at the discretion of the SARC Executive, under the following conditions:

1. The loan of SARC equipment is for the personal use of the recipient, and is provided strictly as a service to SARC members.
2. The member wishing to borrow SARC equipment must send an email to the Inventory Manager (jamesadf@shaw.ca with a copy to the President (va7xb@rac.ca) formally requesting the loan.
3. If a member leaves SARC or becomes inactive, the equipment must be returned to SARC.
4. The recipient will maintain the equipment clean and in good condition.

5. If the equipment becomes inoperable and requires repairs, the recipient will advise the SARC Executive for a decision on how the repairs are to be facilitated.
6. The recipient shall be responsible for the cost of repairs for any damage to the equipment beyond normal wear and tear.
7. The loan is for a period of up to 6 months, renewable on the approval of the Executive.
8. Should the loaned equipment be required for use by SARC at any club event, the equipment shall be returned to SARC upon request.
9. The recipient may be permitted to purchase the loaned item if surplus to SARC's needs by authorization of the Executive, at a price agreeable to the Executive.
10. Equipment shall be returned to SARC in the event of any misrepresentation, failure to abide by these guidelines or misuse of equipment.

Name and Call Sign: _____

Dated: _____

Signature: _____

Approved by Inventory Manager: _____

Approved by member of SARC Executive: _____



Notice of the 2014
Surrey Amateur Radio Club Annual General Meeting

**JUNE 11, 2014 AT 7:00 PM
EMERGENCY MANAGEMENT BC OFFICES
14275 96TH AVENUE, SURREY, BC**

AGENDA

1. Welcome, call to order and confirmation of quorum
2. Approval of agenda
3. Approval of 2013 AGM minutes
4. Presentation and approval of Annual Financial Statements
5. Announcements
6. Committee reports
7. SEPARS report
8. RAC Report
9. Other/new business
10. Election of Directors
11. Adjournment

CALL FOR NOMINATIONS

Members elect up to 8 Directors, each serving a 2-year term. Directors appoint the President, Vice President, Secretary and Treasurer.

Directors continuing for the second year of their 2-year term are:

- George Merchant VE7QH,
- Rob Gilchrist VE7CZV,
- John Schouten VE7TI and
- Scott Hawrelak VE7HA

Directors completing their term and eligible to stand for a second-year term are:

- John Brodie VA7XB
- Brett Garrett VE7GM
- Bill Gipps VE7XS
- Bill Little VA7ZBL

Nominations will be taken from the floor.

Only members in good standing may vote at the AGM.